

Name _____

Period _____

Speed Practice Problems

Directions: Solve the following speed problems.
Show all your work. Include the given information and the equation used.
Be sure to include UNITS.

1. Calculate the speed for a car that went a distance of 125 kilometers in 2 hours time.

Given	Equation	Work	Answer

2. A baseball is thrown a distance of 20 meters. What is its speed if it takes 0.5 seconds to cover the distance?

Given	Equation	Work	Answer

3. How much time does it take for a bird flying at a speed of 45 kilometers per hour to travel a distance of 1,800 kilometers?

Given	Equation	Work	Answer

4. A comet is cruising through the solar system at a speed of 50,000 kilometers per hour for 4 hours time. What is the total distance traveled by the comet during this time?

Given	Equation	Work	Answer

5. If Steve throws the football 50 meters in 3 seconds, what is the average speed of the football?

Given	Equation	Work	Answer

6. If it takes Ashley 3 seconds to run from the batters box to first base at an average speed of 6.5 meters per second, what is the distance she covers in that time?

Given	Equation	Work	Answer

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7. Bart ran 5000 meters from the cops and an average speed of 6 meters/second before he got caught. How far did he run?

Given	Equation	Work	Answer

8. If Justin races his Chevy S-10 down Highway 37 for 2560 meters in 60 seconds, what is his average speed?

Given	Equation	Work	Answer

9. Mike rides his motorcycle at an average speed of 20 meters/second for 500 seconds, how far did he ride?

Given	Equation	Work	Answer

10. Sarah backstrokes at an average speed of 8 meters per second, how long will it take her to complete the race of 200 meters length?

Given	Equation	Work	Answer

*11. Lauren's SUV was detected exceeding the posted speed limit of 60 kilometers per hour, how many kilometers per hour would she have been traveling over the limit if she had covered the a distance of 10 kilometers in 5 **minutes**?

Given	Equation	Work	Answer

12. Tina's calculations of the tarantula found that the spider was able to cover 20 centimeters in 5 seconds, what was the average speed of the spider?

Given	Equation	Work	Answer

13. A coach wants to find out the speed of the runners on a track team.
What equipment is needed:

What should be done/how should he gather information: